

Abstract**Telecommunication Systems with Wireless Telecommunication Between Mobile and/or Stationary Transmission/Reception Devices Based on Code-Division and Time-Division Multiplex**

- 5 In order to specify a reliable handover procedure following a handover indication for telecommunication systems with wireless telecommunication between mobile and/or stationary transmission/reception devices based on code-division and time-division multiplex, both in the TDD mode as well as in the FDD mode,
- 1) a handover time slot pair is identified by a stationary transmission/reception
10 device (BS) during a first phase of a handover procedure, the handover indication,
 - 2) during a second phase of the handover procedure, the handover initiation, the stationary transmission/reception device (BS) sends a first message
15 “Handover Request” to mobile transmission/reception devices (MT1...MTn) allocated to the stationary transmission reception device with which the stationary transmission/reception device informs the mobile
20 transmission/reception devices of the handover time slot; the stationary transmission/reception device sends the first message
 “Handover Request” to the mobile transmission/reception devices until all
 mobile transmission/reception devices allocated to the stationary
 transmission/reception device have confirmed the initiation of the handover by
 the first message;
 - 3) the handover procedure is ended during a third phase of the handover, the handover execution.

25 Figure 10